



Main

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| Device application | Distribution |
| Range | Acti 9 |
| Product name | Acti 9 K60 |
| Product or component type | Miniature circuit-breaker |
| Device short name | K60N |
| Poles description | 1P |
| Number of protected poles | 1 |
| [In] rated current | 20 A |
| Network type | AC |
| Trip unit technology | Thermal-magnetic |
| Curve code | B |
| Breaking capacity | 6000 A Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1 |
| Utilisation category | Category A conforming to IEC 60947-2 |
| Suitability for isolation | Yes conforming to EN/IEC 60898-1 |
| Standards | EN/IEC 60898-1 |
| Product certifications | VDE OVE |

Complementary

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| Network frequency | 50/60 Hz |
| Magnetic tripping limit | 3...5 x In |
| [Ics] rated service breaking capacity | 6000 A 100 % conforming to EN/IEC 60898-1 - 230 V AC 50/60 Hz |
| Limitation class | 3 conforming to EN/IEC 60898-1 |
| [Ui] rated insulation voltage | 440 V AC 50/60 Hz conforming to EN/IEC 60898-1 |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to EN/IEC 60898-1 |
| Contact position indicator | No |
| Control type | Toggle |
| Local signalling | Without |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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| Mounting mode | Fixed |
| Mounting support | DIN rail |
| Comb busbar and distribution block compatibility | Downside: biconnect |
| 9 mm pitches | 2 |
| Height | 81 mm |
| Width | 18 mm |
| Depth | 70 mm |
| Product weight | 0.12 kg |
| Colour | White |
| Mechanical durability | 20000 cycles |
| Electrical durability | 20000 cycles |
| Connections - terminals | Tunnel type terminals (downstream) 0.5...35 mm ² rigid Tunnel type terminals (upstream) 0.5...35 mm ² rigid Tunnel type terminals (downstream) 0.5...25 mm ² flexible Tunnel type terminals (upstream) 0.5...25 mm ² flexible |
| Wire stripping length | 14 mm for top or bottom connection |
| Tightening torque | 3.5 N.m top or bottom |
| Earth-leakage protection | Without |

Environment

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|---------------------------------------|---|
| IP degree of protection | IP20 conforming to IEC 60529 |
| Pollution degree | 2 conforming to IEC 60898-1 2 conforming to EN 60898-1 |
| Overvoltage category | II |
| Tropicalisation | 2 conforming to IEC 60068-1 |
| Relative humidity | 95 % at 55 °C |
| Operating altitude | 0...2000 m |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -25...85 °C |

Packing Units

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|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 106 g |
| Package 1 Height | 2 cm |
| Package 1 width | 6.8 cm |
| Package 1 Length | 8.6 cm |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 12 |
| Package 2 Weight | 1.406 kg |
| Package 2 Height | 8 cm |
| Package 2 width | 9 cm |
| Package 2 Length | 23 cm |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 144 |
| Package 3 Weight | 17.585 kg |
| Package 3 Height | 30 cm |
| Package 3 width | 30 cm |
| Package 3 Length | 40 cm |

Offer Sustainability

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|--------------------------|-----------------------|
| Sustainable offer status | Green Premium product |
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| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |
| Environmental Disclosure | Product Environmental Profile |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Halogen content performance | Halogen free product |

Contractual warranty

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| Warranty | 18 months |
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